

MRTC Motorsport Communications
MRTC, Ltd.
Application for Special Temporary Authority
File No. 0123-EX-ST-2015

PURPOSE OF STA AND FREQUENCY COORDINATION

This application proposes the use of unused television broadcast channels, amateur radio and land mobile radio channels, and broadcast auxiliary channels for two-way operational communications, security communications, and video and audio production during the International Automobile Federation (FIA) Formula E championship races in the United States and for testing prior to both events. FIA is the governing body for American Grand Prix Formula One automobile race events and the Formula E championship is the preeminent open-wheel, all-electric automobile racing event in the United States. The operation will occur at two Formula E all-electric automobile racing venues: The first, from 4 March through 15 March, 2015 will be in the streets of Miami, Florida near Biscayne Bay. The second will occur during the period March 25 through April 5, 2015 in the City of Long Beach, California. The radios will be used by the numerous race teams at VHF; the race organization will be done at UHF, and broadcast operations will be using microwave and unused television channels. All operation will be overseen by MRTC Motorsport Communications.

These are road racing events. The location of the race courses are as follows:

Miami, FL (near the American Airlines Arena and Biscayne Bay): 25°-46'-53" North, 80°-11'-17" West.

Long Beach, CA (near the Long Beach Convention Center: 33°-45'-50" North, 118°-11'-18" West.

An engineering analysis has shown that there are no on-air television stations or low-power television stations on the subject television channels within a 50 km radius of the proposed operation area. However, should any television broadcast station report interference during the proposed operations, operation on that channel will immediately cease and not resume unless and until the interference complaint is resolved. Amateur Radio UHF frequencies have been coordinated with local volunteer coordinators. All operation on broadcast and broadcast auxiliary frequencies will be coordinated with Society of Broadcast Engineers' frequency coordinators before operations commence at either race event. Land mobile frequency operation will avoid any occupied channels in the 154-170 MHz band and no public safety allocations listed in Section 90.22 of the Commission's rules will be used. The applicant has consulted the ULS database with respect to the VHF channel ranges sought and proposes what are believed to be unoccupied channels in the area of both race courses. The UHF channels to be used in the band 420-450 MHz should not cause any interference to ongoing Amateur Radio operators. In the event of any interference reported, operation on any of the requested frequency bands will cease until a solution satisfactory to the licensee is reached.

The “stop buzzer” contact on behalf of the applicant is Mr. Ken Rumbold of MRTC, who can be reached at 07785252266. If a United States contact number is required, undersigned counsel can be reached at any time at (301) 351-3795 and will handle all stop buzzer requirements.

All other inquiries can be addressed to undersigned counsel:

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